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TL-4200

Digital Conference System

GONSIN TL-4200 digital conference system offers versatile conferencing solutions featuring microphone discussion, interactive voting, simultaneous interpretation, language distribution, video tracking, digital recording and software control.

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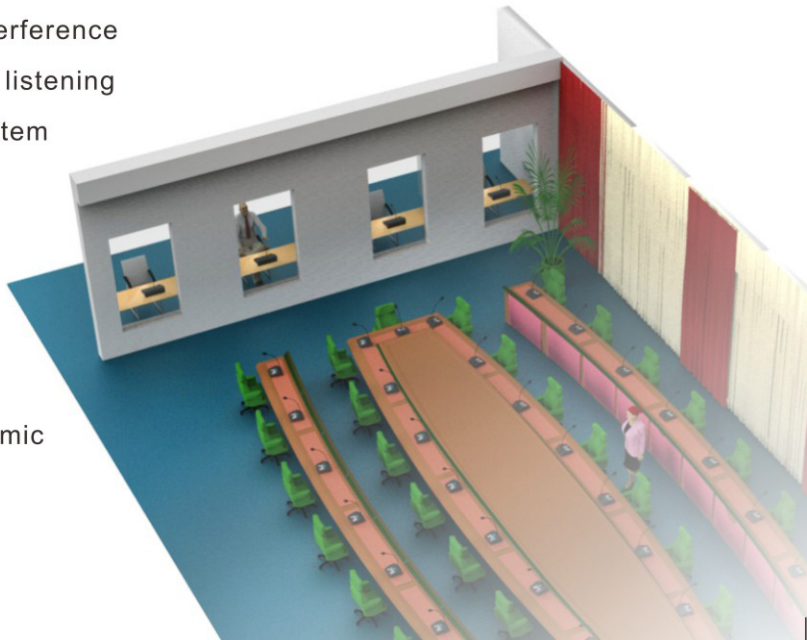
Chairman Unit / Delegate Unit

The conference unit allows the delegate to speak, request to speak and listen to speech, register attendance and cast a vote. Each unit comes with headphone jack and volume control for delegates to listen to the floor speaker and any interpreted language channel, and adjust volume level for comfortable listening. Built-in speaker automatically mutes when microphone is turned on. 1 to 4 delegate microphones can be active at the same time. Multiple chairman and vice-chairman units can be used in one system, and can be active at any time regardless of preset delegate mic limit. Delegate unit can be configured as vice-chairman unit via software. Chairman unit has the additional priority button to override all delegate units to control the conference.

Main Features

- Highly resistant to mobile phone interference
- Channel selectors for interpretation listening
- Pluggable gooseneck microphone stem
- Long microphone pick-up range
- Low profile built-in loudspeaker
- 5 buttons for voting and election
- Built-in chipcard reader
- White-on-blue backlit LCD
- Red ring luminant to indicate active mic



Basic Functions

- Microphone discussion: push to talk or request to talk. AUTO/FIFO/OPERATOR modes are available for microphone management
- Language interpretation: 1+5 channels. Up/down buttons as channel selectors. Channel number is shown on LCD. Headphone listening with volume control
- Attendance registration: by IC card or MIC key press
- Voting: YES/ABST/NO. Vote counting and result display are enabled automatically by PC
  - Single-choice and multiple-choice voting
  - First keypress and final keypress voting
- Election: elect one or more out of N candidates, with 'competitive election', 'equal number election' and 'quick election'
- Evaluation: 4-key evaluation: Good, Fair, Poor and Abstain
- Dynamic LCD messages for voting, discussion, interpretation and attendance registration
- Supports automatic video tracking, with preset panoramic position

TL-VD4200 TL-VX4200

TL-VDB4200 TL-VXB4200

TL-VDC4200 TL-VXC4200

TL-VDCB4200 TL-VXCB4200

Technical Specifications

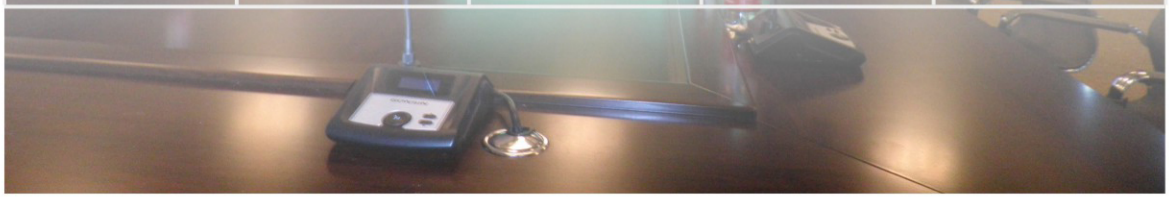
Mounting type	fixed or portable tabletop
Language interpretation	1+5 channels
Mic pick-up range	up to 60 cm
Frequency response	50Hz-18kHz
S/N ratio	-95dB/1mV
Sensibility	-46dB±4dB
Power input	24V DC
Microphone stem length	410mm
LCD	47×18mm
Headphone jack	mini 3.5mm
Internal loudspeaker	8Ω/2W
Dimensions	173×145×57 mm (W×D×H)
Weight	0.8 kg
Housing colour scheme	black or silver

Conference Unit Feature Chart

Model Number	Product Description	Gooseneck Microphone	Voting Facilities	Channel Selector	Loud speaker	Phone Jack	LCD Screen	Card Reader
TL-VX4200	Chairman Unit	√			√	√	√	√
TL-VD4200	Delegate Unit	√			√	√	√	√
TL-VXB4200	Chairman Unit	√	√		√	√	√	√
TL-VDB4200	Delegate Unit	√	√		√	√	√	√
TL-VXC4200	Chairman Unit	√		√	√	√	√	√
TL-VDC4200	Delegate Unit	√		√	√	√	√	√
TL-VXCB4200	Chairman Unit	√	√	√	√	√	√	√
TL-VDCB4200	Delegate Unit	√	√	√	√	√	√	√

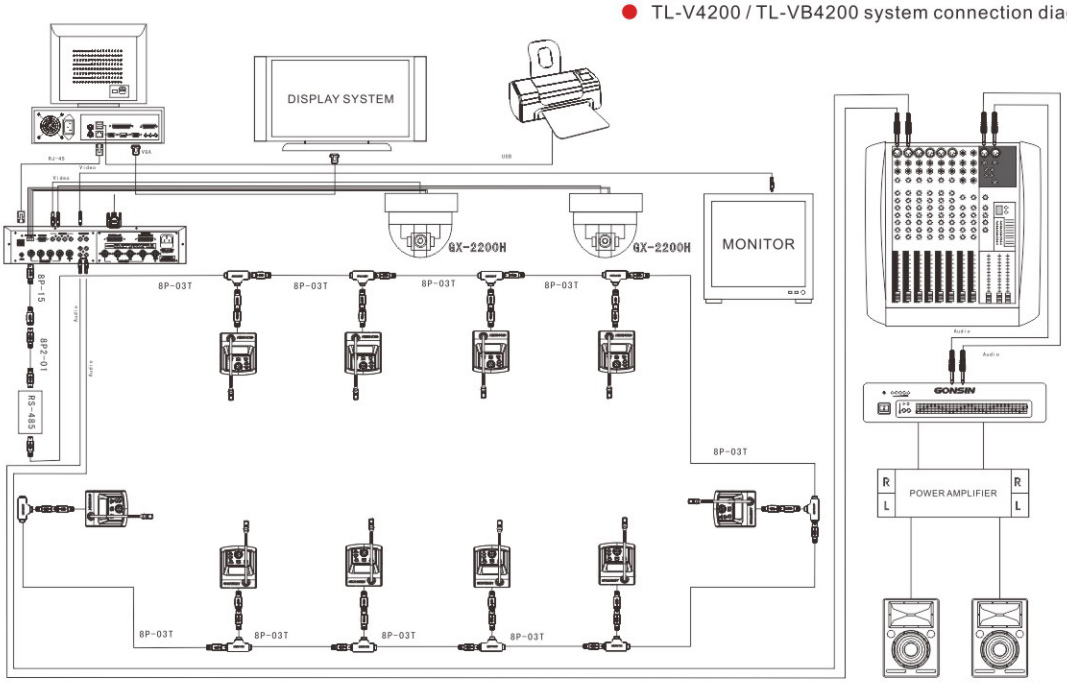
System Components

Model Number	TL-V4200	TL-VC4200	TL-VB4200	TL-VCB4200
Central Control Unit	TL-Z3	TC-Z3	TL-ZB3	TC-ZB3
Extension Unit	ZJ- KR	ZJ- KR	ZJ- KR	ZJ- KR
Chairman Unit	TL-VX4200	TL-VXC4200	TL-VXB4200	TL-VXCB4200
Delegate Unit	TL-VD4200	TL-VDC4200	TL-VDB4200	TL-VDCB4200
Interpreter Console		TC-F06		TC-F06
Interpreter Headset		TC-D2		TC-D2
Headphone		TC-D3		TC-D3
Management Software	V5.0 (optional)	V5.0 (optional)	V5.0	V5.0
IC Card Encoder			GX-770	GX-770
IC Card			BL7442	BL7442
T-type connection cable	8P-T3	13P-T3	8P-T3	13P-T3
Extension cable	8PS	13PS	8PS	13PS

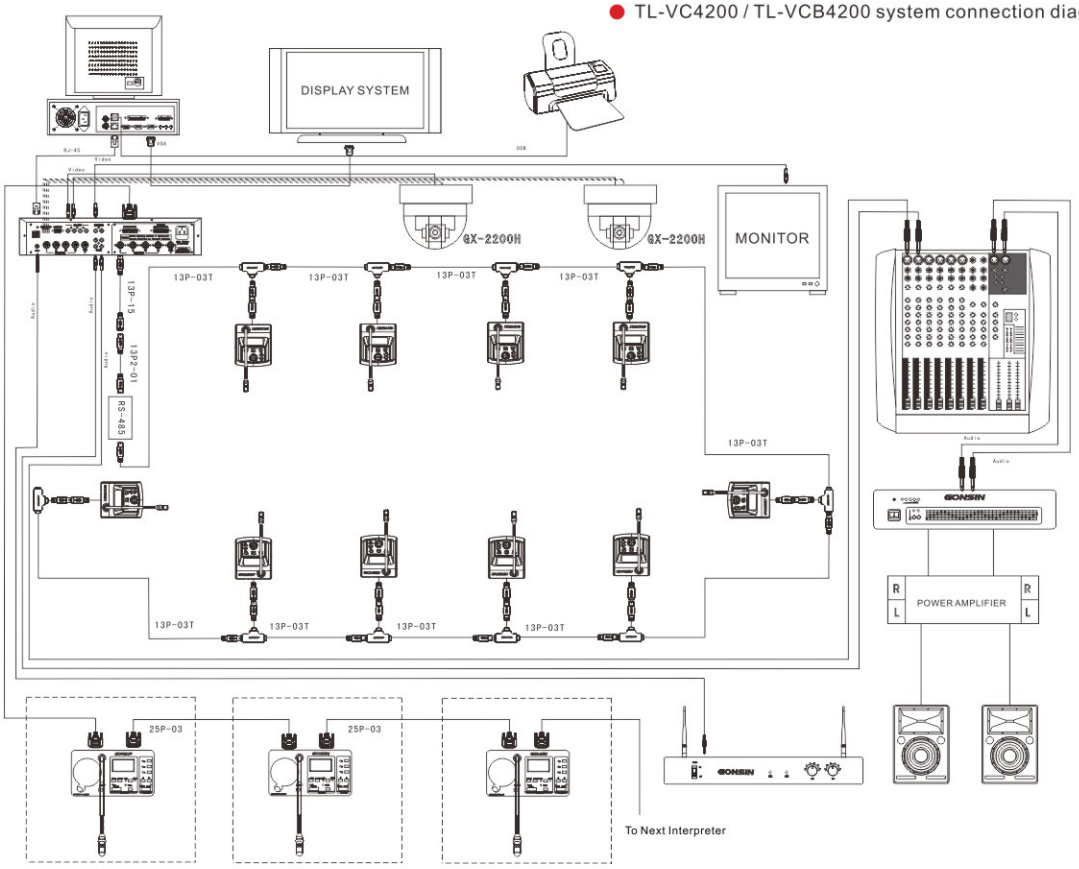


System Configuration

● TL-V4200 / TL-VB4200 system connection diagram



● TL-VC4200 / TL-VCB4200 system connection diagram



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TL-6000 Digital Conference System

TL-6000 digital conference system offers versatile conferencing solutions featuring microphone discussion, interactive voting, simultaneous interpretation, language distribution, attendance registration, video tracking, digital recording and software control.

Chairman Unit / Delegate Unit

The conference unit allows the delegate to speak, request to speak, listen to speech and cast a vote. Each conference unit comes with headphone jack and volume control for delegates to listen to the floor audio and any interpreted language channel, and adjust volume level for comfortable listening. Built-in loudspeaker automatically mutes when the microphone is turned on. 1 to 4 delegate microphones can be active at the same time. Multiple chairman and vice-chairman units can be used in one system, and can be active at any time regardless of preset delegate mic limit. Delegate unit can be set as vice-chairman unit via software. Chairman unit has the additional priority button to override all delegate units to control the conference.

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Main Features

- Highly resistant to mobile phone interference
- Channel selectors for interpretation listening
- Pluggable microphone stem
- Built-in loudspeaker
- Long microphone pick-up range
- 5 buttons for voting and election
- Built-in chipcard reader
- White-on-blue backlit LCD
- Red ring luminant to indicate active mic

TL-VX6000 TL-VD6000

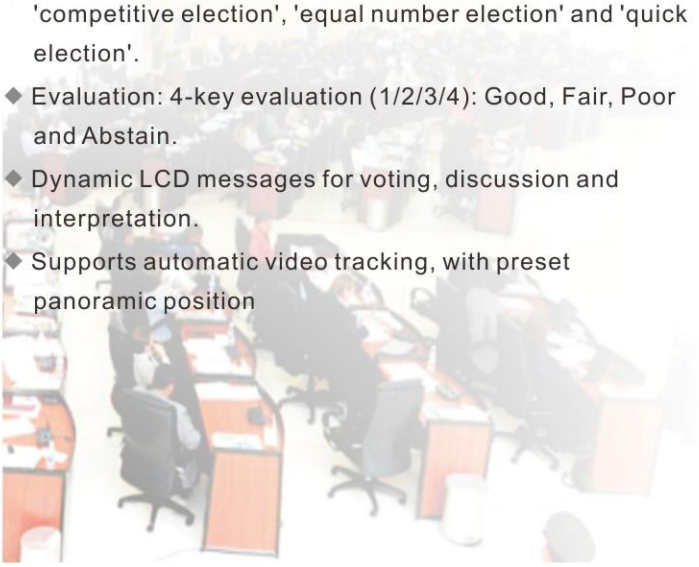
TL-VXB6000 TL-VDB6000

TL-VXC6000 TL-VDC6000

TL-VXCB6000 TL-VDCB6000

Basic Functions

- Microphone discussion: push to talk or request to talk. AUTO/FIFO/OPERATOR/VOX modes are available for microphone management.
- Language interpretation: 1+5 channels. Up/down buttons as channel selectors. Channel number is shown on LCD. Headphone listening with volume control.
- Attendance registration: by IC card, REG key press or late registration.
- Voting: YES/ABST/NO. Vote counting and result display are enabled automatically by PC
  - Single-choice and multiple-choice voting
  - First keypress and final keypress voting
- Election: elect one or more out of N candidates, with 'competitive election', 'equal number election' and 'quick election'.
- Evaluation: 4-key evaluation (1/2/3/4): Good, Fair, Poor and Abstain.
- Dynamic LCD messages for voting, discussion and interpretation.
- Supports automatic video tracking, with preset panoramic position



Technical Specifications

Mounting type	fixed or portable tabletop
Language interpretation	1+5 channels
Frequency response	50Hz to 18KHz
S/N ratio	-95dB/1mV
Sensibility	-46 ± 4dB
Power input	24V DC
Microphone pick-up range	up to 600 mm
Headphone sockets	3.5mm jack

Built-in loudspeaker	2W/8Ω
LCD screen	65mm x 32mm back-lit
Microphone stem length	425 mm
Operating temperature	0℃ to 45℃
Storage tempefrature	-20℃ to 50℃
Dimensions	210 X 128 x 65 mm(WxDxH)
Weight	0.75kg

Conference Terminal Feature Chart

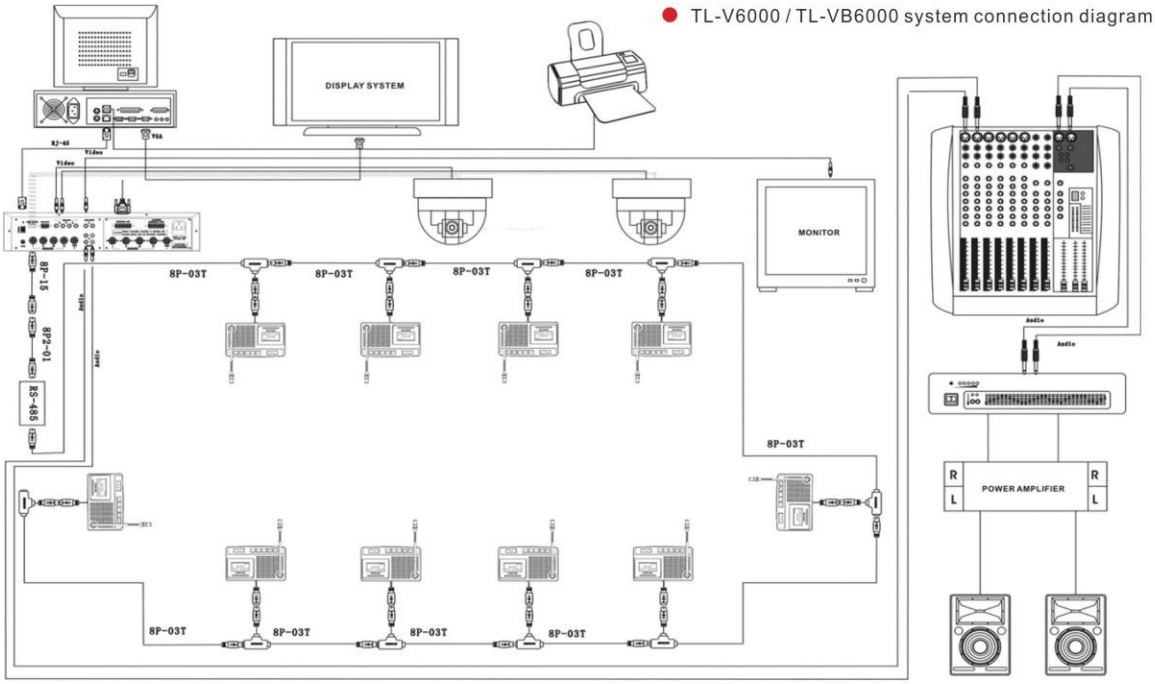
Model Number	Product Description	Gooseneck Microphone	Voting Facilities	Channel Selector	Loud speaker	Phone Jack	LCD Screen	Card Reader
TL-VX6000	Chairman Unit	√			√	√	√	√
TL-VD6000	Delegate Unit	√			√	√	√	√
TL-VXB6000	Chairman Unit	√	√		√	√	√	√
TL-VDB6000	Delegate Unit	√	√		√	√	√	√
TL-VXC6000	Chairman Unit	√		√	√	√	√	√
TL-VDC6000	Delegate Unit	√		√	√	√	√	√
TL-VXCB6000	Chairman Unit	√	√	√	√	√	√	√
TL-VDCB6000	Delegate Unit	√	√	√	√	√	√	√

System Components

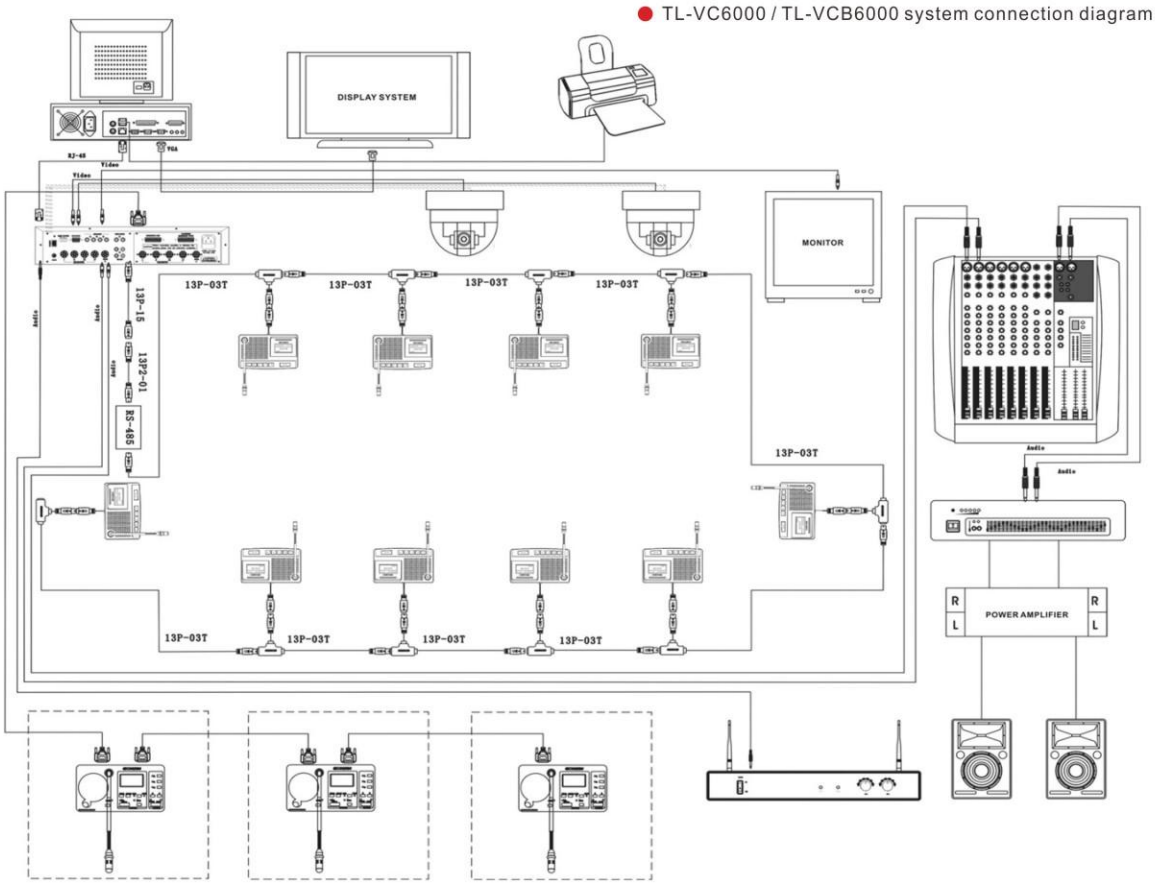
Model Number	TL-V6000	TL-VC6000	TL-VB6000	TL-VCB6000
Central Control Unit	TL-Z3	TC-Z3	TL-ZB3	TC-ZB3
Extension Unit	ZJ- KR	ZJ- KR	ZJ- KR	ZJ- KR
Chairman Unit	TL-VX6000	TL-VXC6000	TL-VXB6000	TL-VXCB6000
Delegate Unit	TL-VD6000	TL-VDC6000	TL-VDB6000	TL-VDCB6000
Interpreter Console		TC-F06		TC-F06
Interpreter Headset		TC-D2		TC-D2
Headphone		TC-D3		TC-D3
Management Software	V5.0 (optional)	V5.0 (optional)	V5.0(optional)	V5.0(optional)
IC Card Encoder			GX-770	GX-770
IC Card			BL7442	BL7442
T-type connection cable	8P-T3	13P-T3	8P-T3	13P-T3
Extension cable	8PS	13PS	8PS	13PS

System Configuration

● TL-V6000 / TL-VB6000 system connection diagram



● TL-VC6000 / TL-VCB6000 system connection diagram



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TL-V3100 Digital Conference System

Chairman Unit / Delegate Unit

The conference unit allows the delegate to speak, request to speak and listen to speech. Each unit comes with headphone jack and volume control for the delegate to listen to the floor audio, and adjust volume level for comfortable listening. Built-in speaker automatically mutes when microphone is turned on. 1 to 4 delegate microphones can be active at the same time. Multiple chairman and vice-chairman units can be used in one system, and can be active at any time regardless of preset delegate mic limit. Chairman unit has the additional priority button to override all delegate units to control the conference.

Main Features

- Highly resistant to mobile phone interference
- Long microphone pick-up range
- High quality built-in loudspeaker
- Red ring luminant to indicate active mic

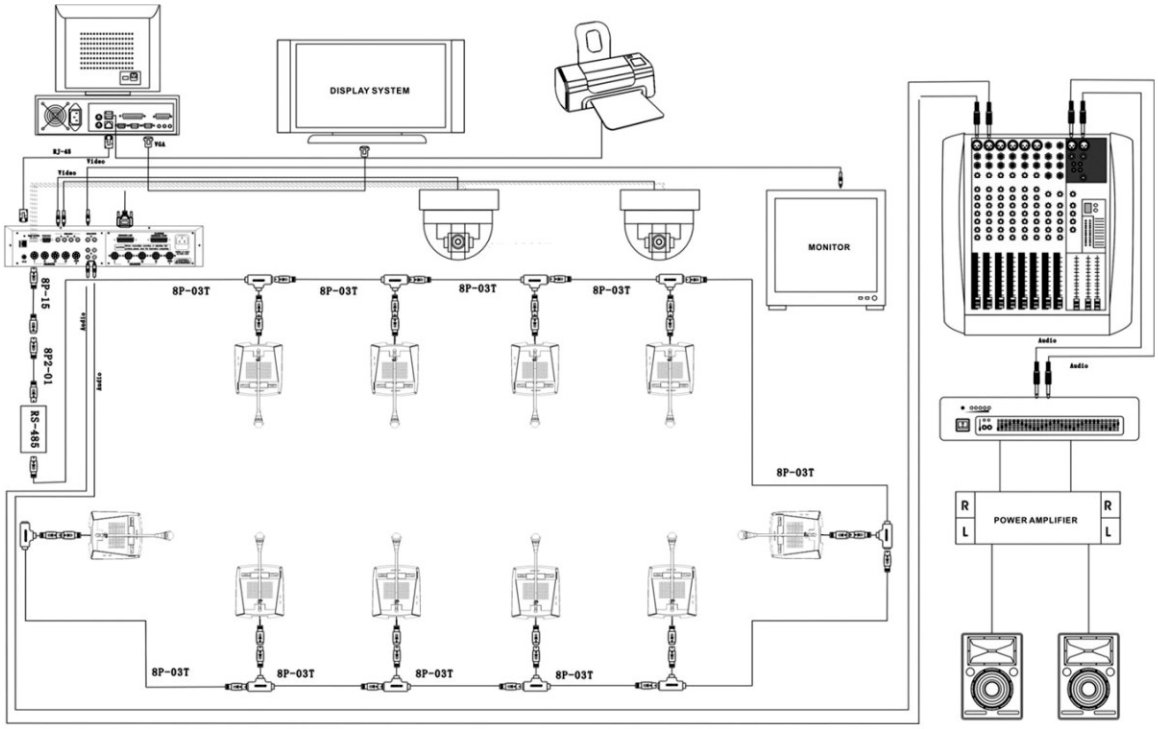
Basic Functions

- Microphone discussion: push to talk or request to talk. Floor audio listening via headphone or built-in loudspeaker with volume control. AUTO / FIFO / OPERATOR modes are available for microphone management.
- Supports automatic video tracking, with preset panoramic position

Technical Specifications

Mounting type	fixed or portable tabletop	Power consumption	2W
Microphone pick-up range	up to 600 mm	Microphone stem length	410 mm
Frequency response	50Hz-18kHz	Headphone jack	mini 3.5mm
S/N ratio	-95dB/1mV	Internal loudspeaker	8Ω/2W
Sensibility	-46dB±4dB	Dimensions	135×150×50 mm (W*D*H)
Power input	24V DC	Weight	0.75 kg

System Configuration



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TL-5600

Digital Conference System

GONSIN TL-5600 digital conference system is designed to provide a versatile flushmount solution including five function modules. All these modules are self-contained and can be flexibly configured, enabling conference terminals to offer more or less functions. Discussion unit allows the delegate to talk and request to talk, with automatic video tracking and a RJ-45 expansion port for additional plug-and-play handheld voting keypad. Channel selection unit offers 6 channels for participants to hear the selected channel through a personal headphone and adjust the volume level for comfortable listening. Voting unit is used for attendance registration, voting, election and evaluation. Loudspeaker can be added to the discussion unit depending on the venue needs.

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Flexible module-based solution

Five function modules can be stand-alone installed or easily combined to meet the exact customer needs, offering a versatile conference solution.

Smart voice activation mode

The system can be operated under VOX mode so that the microphone is automatically turned on when the delegate speaks. VOX sensitivity can be set to H/M/L to suit conference environment. Voice activation mode enables hands-free operation with no need to push the microphone button.

Future-proof system expansion

TL-5600 system offers perfect solution to upgrade the system and extend more features when necessary. Expansion port is designed to easily connect plug-and-play handheld module.

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Discussion Unit TL-VDQ5600/ TL-VXQ5600

Delegate discussion unit (TL-VDQ5600) allows the delegate to talk, request to talk, and register attendance. 1 to 4 delegate microphones can be active simultaneously. Built-in loudspeaker automatically mutes when the microphone is turned on. Chairman discussion unit (TL-VXQ5600) has the additional priority button to override all active delegate units to control the conference. Multiple chairman and vice-chairman discussion units can be used in one system, and can be active at any time regardless of preset delegate microphone limit.

Main Features

- Voice-activated microphone mode
- Low susceptibility to interference from mobile phones
- Pluggable gooseneck microphone stem
- Waterproof and dustproof design
- Long microphone pick-up range
- Red ring luminant to identify active unit
- Blue LED indicator for chairman or VIP

Basic Functions

- Microphone mode: VOX/AUTO/FIFO/OPERATOR
- Attendance: registration by keypress or late registration
- LED indicator and MIC light will blink when attendance is to be registered. LED indicator will light on when attendance is successfully registered
- VOX sensitivity and mic time-out are adjustable
- Automatic video tracking, with preset position for panorama view

Technical Specifications

Mounting type	flush mounting
Frequency response	50Hz-18KHz
Sensitivity	-46dB±4dB
S/N ratio	-95dB
THD	< 0.3%
Power input	24V
VOX sensitivity	H/M/L (76dB/80dB/82dB)

VOX auto mic time-out	20-250 seconds
Working temperature	0℃ to 45℃
Storage temperature	-20℃ to 50℃
Mic pickup range	100-600mm
Mic stem length	410mm standard, 310/510mm optional
Dimensions	100×40×66mm (W×D×H)
Net weight	86g

Handheld Voting Keypad BJ-K5600

Connecting the discussion unit via RJ-45 port, the handheld voting keypad allows the delegate to register attendance and cast a vote for YES/ABST/NO, evaluation and election. Votes are counted automatically and the result is shown on display equipment such as large screen, projector/screen and white board. Results can be printed out or saved in CD.

Main Features

- Designed for ease of system expansion
- Handheld unit offers higher level of convenience and privacy
- LED indicators to show working status for voting
- Voting and evaluation options are defined by system software
- 30000V ESD protection circuit
- Waterproof and dustproof design

Basic Functions

- Voting: YES/ABST/NO. Vote count and result display are enabled automatically by PC
  - Single-choice and multiple-choice voting
  - First keypress and final keypress voting
- Election: elect one or more out of multiple candidates, with 'competitive election', 'equal number election' and 'quick election'
- Evaluation (opinion polls): Best, Good, Fair, Poor
- When attendance is registered by IC card, green LED indicator will blink. For card error and invalid card, red LED indicator will light on. Green LED indicator will light on after attendance is registered
- LED indicator will blink to request for voting. LED indicator will light on for 3 seconds after a voting is casted, and then all LED indicators will be light off

Technical Specifications

Mounting connector	RJ45
Working temperature	0℃ to 45℃
Storage temperature	-20℃ to 50℃
Dimensions	120×55×15mm(H×W×D)
Net weight	105g

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Flush Voting Unit BJ-Q5600

The flush voting unit allows the delegate to register attendance and cast a vote for YES/ABST/NO, evaluation and election. Votes are counted automatically and the result is shown on display equipment such as large screen, projector/screen and white board. Results can be printed out or saved in CD.

Main Features

- Simple and stylish design
- LED indicator to show working status for attendance and voting
- Voting and evaluation options are defined by system software
- 30000V ESD protection circuit design
- Waterproof and dustproof design

Basic Functions

- Attendance registration: by IC card, microphone key press and late registation. Total, present and absent delegates can be counted and displayed
- Voting: YES/ABST/NO. Voting method can be defined by the system software. Vote count and result display are enabled automatically by PC
  - Single-choice and multiple-choice voting
  - First keypress and final keypress voting
- Election: elect one or more out of multiple candidates, with 'competitive election', 'equal number election' and 'quick election'
- Evaluation (opinion polls): Best, Good, Fair, Poor. Evaluation method can be defined by the system software
- When attendance is registered by IC card, green LED indicator will blink. For card error and invalid card, red LED indicator will light on. Green LED indicator will light on after attendance is registered
- LED indicator will blink to request for voting. LED indicator will light on for 3 seconds after a vote is casted, and then all LED indicators will be light off

Technical Specifications

Mounting type	flush mounting
Powered	by the central control unit
Dimensions	100×40×66mm (W×D×H)
Net weight	75g
Working temperature	0℃ to 45℃
Storage temperature	-20℃ to 50℃

Channel Selection Unit TC-Q5600

The wired flushmount channel selection unit provides high immunity from interference and high security against unauthorized listening. Each unit comes with headphone jack and volume control so that the delegate can hear any selected channel on a personal headphone, and adjust volume level for comfortable listening.

Main Features

- Simple and stylish look
- 30000V ESD protection circuit design
- Waterproof and dustproof design

Basic Functions

- 6 selectable channels for interpretation
- Loudspeaker volume level can be adjusted individually, or centrally by CCU and displayed on LCD
- Selected channel number is shown on LCD

Technical Specifications

Mounting type	flush mounting
Powered	by the central control unit
Headphone jack	3.5mm
Working temperature	0℃ to 45℃
Storage temperature	-20℃ to 50℃
Dimensions	100×40×66mm (W×D×H)
Net weight	62g

Loudspeaker SPK-10

The flush loudspeaker delivers natural and clear sound. When it is used with the flush discussion unit, any smaller conference can be held without external sound equipment.

Main Features

- Simple and stylish design
- High-definition audio processing
- 30000V ESD protection circuit

Basic Functions

- Used with discussion unit for delegate to hear the speech from other participants
- Loudspeaker volume level can be adjusted individually, or centrally by CCU
- Speaker mutes automatically to prevent feedback when MIC is turned on

Technical Specifications

Mounting type	flush mounting
Powered	by the central control unit
Loudspeaker	2W/8Ω
Frequency response	200Hz-16KHz

Sensitivity	89dB
Working temperatureb	0℃ to 45℃
Storage temperature	-20℃ to 50℃
Dimensions	100×100×40mm(W×D×H)
Net weight	91g

Connector CON-5600

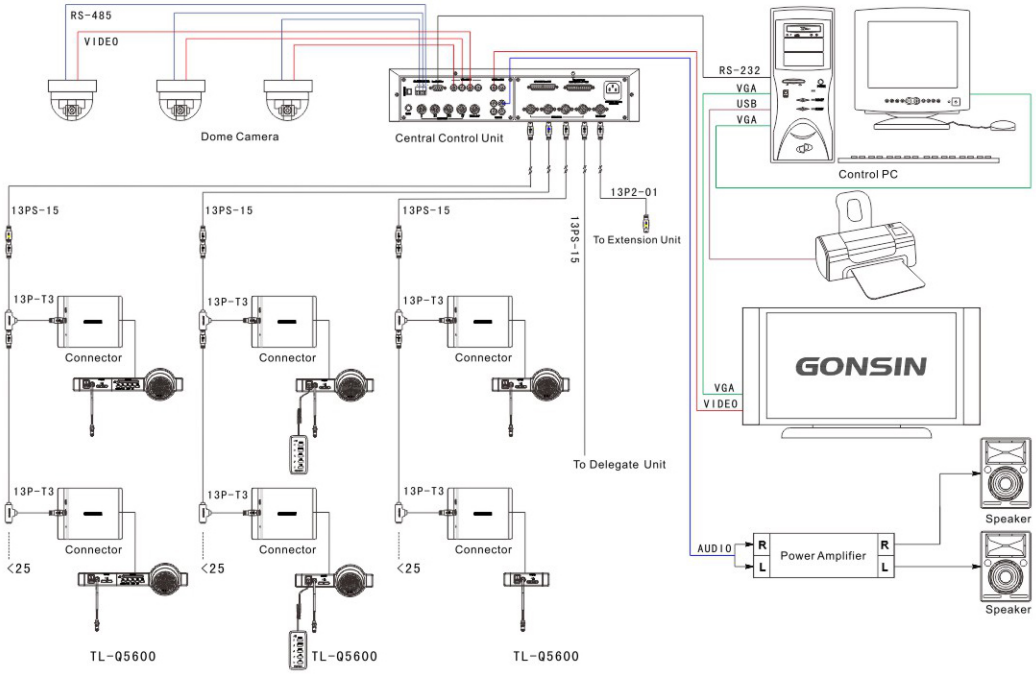
The CON-5600 connector is designed to connect control units to function modules including discussion unit, channel selection unit, flush voting unit and/or loudspeaker for power supply and communication signals.

Technical Specifications

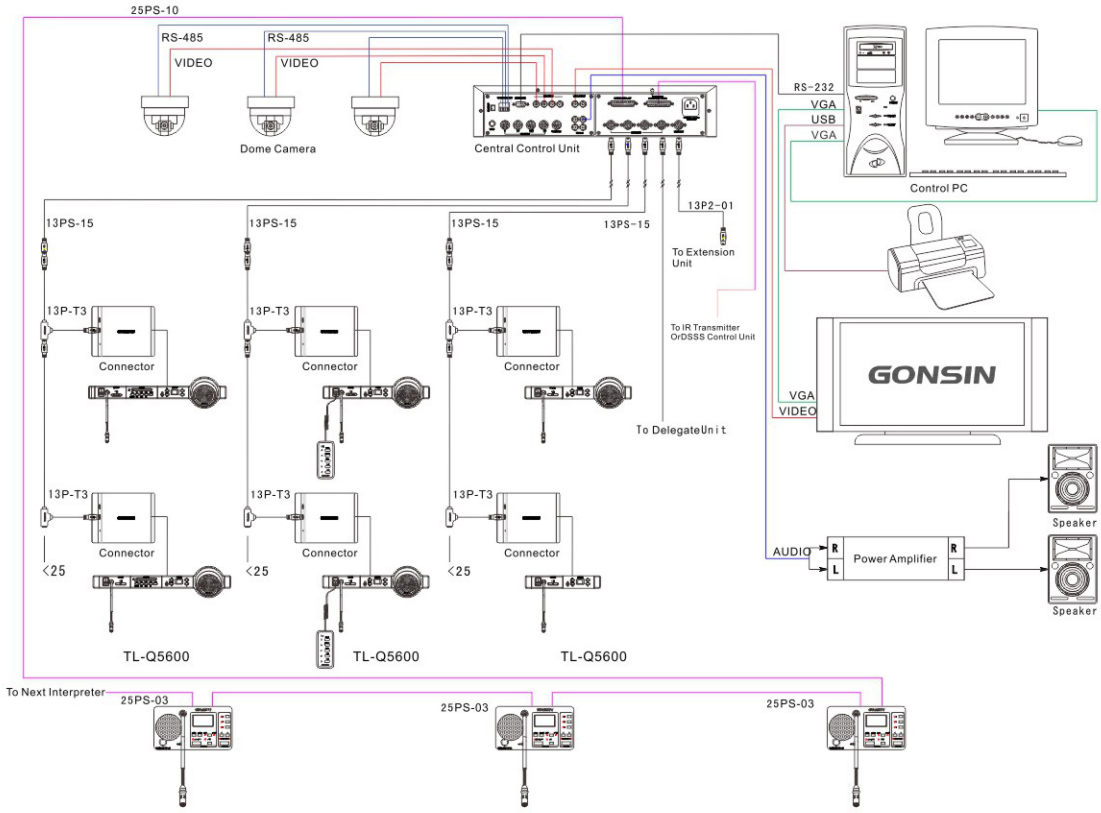
Working temperature	0℃ to 45℃
Storage temperature	-20℃ to 50℃
Dimensions (WxDxH)	167x160x40mm
Net weight	1083 g

System Configuration

● System connection diagram for discussion / voting



● System connection diagram for discussion / voting / interpretation



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TL-5500

Digital Conference System

GONSIN TL-5500 digital conference system, designed for seat arm flush mounting, offers an all-in-one conferencing solution featuring microphone discussion, interacive voting, simultaneous interpretation, attendance registration, video tracking, audiovisual recording and software control.

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Chairman Unit / Delegate Unit

The conference unit allows the delegate to speak, request to speak, register attendance and cast a vote. Each unit comes with headphone jack and volume control for the delegate to listen to the floor audio and any interpreted language channel, and adjust volume level for comfortable listening. 1 to 4 delegate microphones can be active at the same time. Multiple chairman and vice-chairman units can be used in one system, and can be active at any time regardless of preset delegate mic limit. Chairman unit has the additional priority button to override all delegate units to control the conference.

Main Features

- Compact design for seat arm flush mounting
- Highly resistant to mobile phone interference
- Channel selectors for interpretation listening
- Pluggable omnidirectional handheld microphone
- 5 buttons for voting and election

TL-VXQC5500 TL-VDQC5500

Basic Functions

TL-VXQCB5500 TL-VDQCB5500

- Microphone discussion: push to talk or request to talk. AUTO/FIFO/OPERATOR modes are available for microphone management
- Language interpretation: 1+5 channels. Up/down buttons as channel selectors. Channel number is shown on LED. Headphone listening with volume control
- Attendance registration: by REG key press
- Voting: YES/ABST/NO. Vote counting and result display are enabled automatically by PC
  - Single-choice and multiple-choice voting
  - First keypress and final keypress voting
- Election: elect one or more out of N candidates, with 'competitive election', 'equal number election' and 'quick election'
- Supports automatic video tracking, with preset panoramic position

Technical Specifications

Mounting type	chair armrest mounting	Power input	24V DC
Language interpretation	1+5 channels	Microphone stem length	165 mm
Mic pick-up range	up to 20 cm	Microphone length	120 cm (including cord)
Frequency response	50Hz-18kHz	Headphone and microphoe jack	mini 3.5mm
S/N ratio	-95dB/1mV	Panel dimensions	210×50×2 mm (H×W×D)
Sensitivity	-46dB±4dB	Weight	0.55 kg

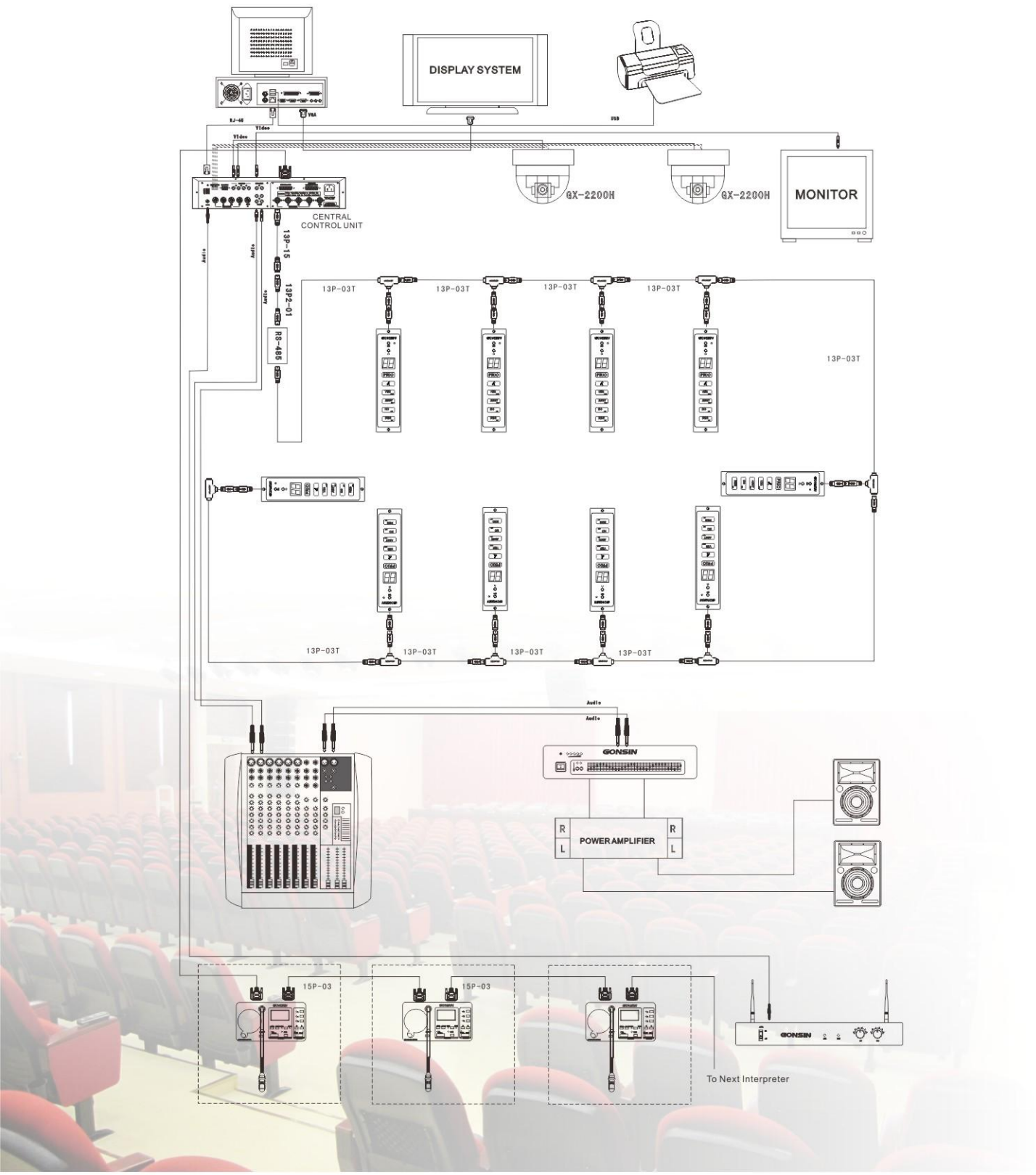
Conference Terminal Feature Chart

Model Number	Product Description	Handheld Microphone	Voting Facilities	Channel Selector	Phone Jack	Volume Control
TL-VXQC5500	Chairman Unit	√		√	√	√
TL-VDQC5500	Delegate Unit	√		√	√	√
TL-VXQCB5500	Chairman Unit	√	√	√	√	√
TL-VDQCB5500	Delegate Unit	√	√	√	√	√

System Components

Model Number	TL-VQC5500	TL-VQCB5500
Central Control Unit	TC-Z3	TC-ZB3
Extension Unit	ZJ- KR	ZJ- KR
Chairman Unit	TL-VXQC5500	TL-VXQCB5500
Delegate Unit	TL-VDQC5500	TL-VDQCB5500
Interpreter Console	TC-F06	TC-F06
Interpreter Headset	TC-D2	TC-D2
Single Earphone	TC-D1	TC-D1
Management Software	V5.0 (optional)	V5.0 (required)
T-type connection cable	13P-T3	13P-T3
Extension cable	13PS	13PS

System Configuration



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Digital Conference System

Central Control Unit

CENTRAL CONTROL UNIT
TL-Z3 / TL-ZB3

CENTRAL CONTROL UNIT
TC-Z3 / TC-ZB3

Main features in stand-alone mode

- 1 to 4 delegate microphones can be active simultaneously
- Selectable microphone mode: AUTO/FIFO/OPERATOR/VOX
- Microphone sensitivity and auto-off time can be preset
- Volume level can be adjusted for single or all loudspeakers
- ID number writing for each unit using LCD on front panel
- 6 channels are available for simultaneous interpretation
- Automatic video tracking with up to 4 dome cameras
- Built-in DSP processor for acoustic feedback prevention
- Built-in treble/bass compensation for better sound quality
- Built-in MIC IN audio input for wireless mic system

Extented features under PC/software control

- Centralized conference management
- Operator can allow or reject delegate request to talk
- Speaking time limit can be preset for conference units
- Delegate unit can be set to be vice-chairman (VIP) unit
- Voting, Election, Quick Election, Evaluation
- Attendance registration using IC cards or REG button
- Conference audio recording and video recording

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Technical Specifications

Standard 2U housing for 19" rack mounting	
Connection of conference units in up to 4 lines	
Each line connects up to 25 conference units	
Cable length is up to 100 metres for each line	
RS485 repeaters can be used to extend cable length	
Basic system capacity	60-70 conference units
Active delegate microphone limit	1/2/3/4
PC communication	RS232, Ethernet
Video camera communication	RS-485
Video camera supported	up to 4
Video tracking protocol	Pelco-P9600 / Sony-VISCA
AV matrix switcher input	RCA × 4 (1Vp-p, 75Ω)t
AV matrix switcher output	RCA × 2（1Vp-p, 75Ω）
MIC IN	6.5mm jack, 0.775V
REC OUT audio output	0-2.8V Vpp
S/N ratio	-95dB
THD	< 0.3%
Power supply	220V/50Hz or 110V/60Hz, ±10%
Maximum power	300W
Operating temperature	0 ℃to 45℃
Storage temperature	-20℃ to 50℃
Dimensions	485×325×90mm (W×D×H)
Weight	14 kg

Extension Unit ZJ-KR

ZJ-KR extension unit connects the central control unit via a 13P2-01 expander cable. Multiple units can be cascaded together to support 200 conference units on one central control unit.

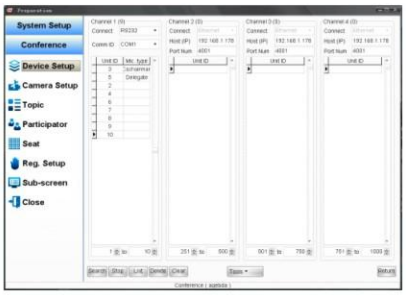
Technical Specifications

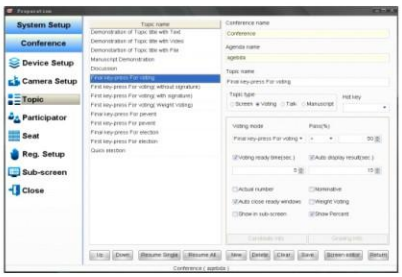
Power Supply	220VAC±10%, 50Hz
Maximum Power	300W
Standard capacity	60-70 conference units
Operating temperature	0℃ to 45℃
Storage temperature	-20℃ to 50℃
Dimensions	485×325×90mm (W×D×H)

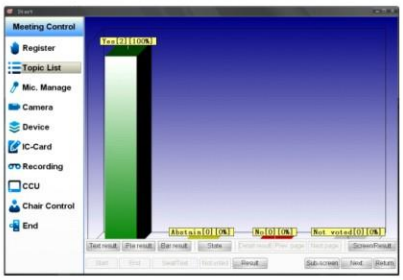
Digital Conference Management System V5.0

Supporting Windows XP/Vista/2003 operating system, the V5.0 conference system management software is designed for system configuration, device setup, conference preparation, conference control, and post-event report, offering more features and easier operation for intelligent and highly effecient conferencing solutions.

- User management
- Selectable skins
- Device setup
- Conference management
- Delegate information
- Conference venue design
- Seating arrangement
- IC card management
- Screen management
- Topics management
- Speech script display
- Video camera control
- Chairman control option
- Audio/video recording
- Post-event report
- Software/CCU hot standby mode
- Attendance registration
  - Register by IC card or keypress
  - Dynamic mode and countdown mode
- Microphone Management
  - Synoptic microphone control
  - Mic modes: Request/Speech/Free
  - Multiple options for screen/seat modes
- Voting Management
  - Multiple voting types
  - Open/secret/weighted voting method
  - Dynamic/countdown voting mode
  - First/final keypress mode
  - Vote result display modes







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Interpreter Console

Interpreter Console TC-F06/16

Main features

- Digitally-controlled workstation designed for 6 or 16-channel interpretation system
- LCD screen to display the following information:
  1) Channel selection and confirmation
  2) Incoming/outgoing channel number
  3) All the occupied language channels
  4) Channel number of this unit
  5) Previous and present operation time
- Two different types of microphone can be used
  1) High quality gooseneck microphone
  2) Headset boom microphone
- Built-in loudspeaker with volume level control. Loudspeaker is automatically switched off when the microphone is turned on
- A/B/C pre-select incoming channels for relay interpretation
- A/B pre-select outgoing channels for normal interpretation and retour interpretation
- Automatic channel interlocking function prevents the interpreters from using the same outgoing channel
- MUTE key to enable a brief muting of the microphone for cough cut
- Multiple interpreter consoles can be connected in a daisy-chain

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Technical Specifications

Frequency response	50Hz to 18KHz
Channel separation	> 85 dB
Signal-to-noise ratio	> 90 dB
Distortion at 1 Khz	< 0.1%
Operating voltage	24V DC
Power consumption	2.5W
Maximum input power level	7.5V
Built-in loudspeaker	8 ohms/2W
Audio input/output	2× MIC / 2× REC
Standard mic stem length	410 mm
Operating temperature	0℃ to 45℃
Storage temperature	-20℃ to 50℃
LCD screen	128x64 backlit
Dimensions	247×145×95 mm(W×D×H)
Weight	1.2kg

Interpreter Headset TC-D2

Closed-ear stereo headset with boom mic	
Connectors	3.5mm stereo plugs
Impedance	60Ω±15%
Frequency response	20Hz to 20KHz
Sensitivity (1 kHz)	-58±2dB
Microphone type	Omni-directional dynamic
Microphone sensitivity (1 kHz)	-58±2dB
Cord length	2 metres

Headset

Headphone TC-D3

Ergonomic design	
Super heavy bass	
Adjustable headband & soft foam ear pads	
40mm drivers for dynamic stereo sound	
Frequency response	20 Hz - 20 kHz
Impedance	32 ohms ±15%
Sensitivity	94dB ±3dB
Maximum power input	30mW

Headphone